# Portable thermal printer manual

## Matters needing attention：

1、The printer should not be immersed in water or exposed to rain for a long time, otherwise it may cause damage to the printer.

2、Do not open the paper cover during printing, otherwise the printer will not work normally.

3 1、Although the printer can work steadily from - 10 to 50 degrees centigrade but too high ambient temperature (45 degrees centigrade) or too low ambient temperature (5 degrees centigrade) can result in poor print quality.

2、Excessive ambient humidity (above 85% relative humidity) or too low ambient humidity (below 20% relative humidity) can lead to bad print quality.

4. If use poor printing paper or long storage time of printing paper may result in poor printing quality and damage the printer .

5、Please charging before the battery use up so that the battery life can be effectively guaranteed.

6、If the thermal printer head is dirty please clean up by cotton with alcohol to prevent the printer head from being worn out

7、Do not use chargers not supplied by our company because different connecting power sources may cause machine damage.

## Save attetion:

1、If do not use the priter for long time must take out the battery otherwise will do damage to battery and printer；

2、Please choose the thermal paper with high quatity；

3、Do not Save the thermal paper in high temperature and sunshine area.

## Range of application:

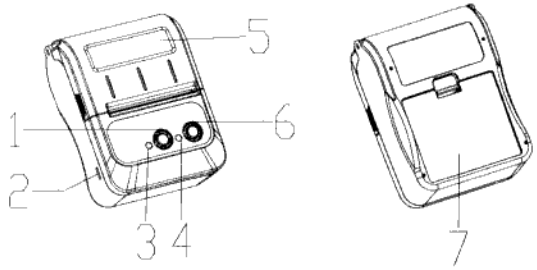
**Government**: As like traffic police ,urban management,Industry and commerce and finance.

**Logistics management**： express

All the thermal printing industry.



## 一、Product introduction

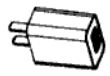



1.1 appearance of printer

1. power button
2. interface of USB
3. power indicator lamp
4. function indicator lamp
5. paper cover
6. feed button
7. battery

1.2 Parts list

adapter



USB

1500mAh battery

thermal paper

## 二、Specifications

| | | |
|---|---|---|
| Printing method | Line thermal printer | |
| Printing speed | 50~80mm/s | |
| Dot pitch | 8dots/mm, 384 dots/line | |
| Printing width | 48mm | |
| Paper width | 57.5±0.5mm | |
| Paper roll outer diameter | 40mm (Max.) | |
| Paper roll inner diameter | 13mm(Min.) | |
| Paper thickness | 60-80um | |
| Overall dimension(WxDxH): | 78x105x47mm | |
| Weight ( g) | 216g(non- including the paper roll) | |
| Printing characters | ANK: 8x16,9X17, 9x24,12x24 GBK:24x24 | |
| Characters/line | ANK:48, 42, 32 GBK:24, 16 | |
| Life cycle time | 50km(printing density under 12.5%)/100 million pulses | |
| Barcode type | 1D: UPC-A,UPC-E,EAN-13,EAN-8,CODE39,CODE93, CODE128,CODABAR,ITF25 | |
| | 2D: QR CODE, PDF417 | |
| interface | bluetooth 2.0 android;bluetooth 4.0 IOS;micro USB | |
| Power | 1500mAh 7.4V rechargeable Lithium battery | |
| Recharge adapter | Stand by recharging | |
| Black mark test | Supported | |
| Paper feeding | Easy paper loading | |
| Paper cut | By hands | |
| commands | ESC/POS compatible with order sets | |
| operate setting | Temperature -10°C~50°C ; Humidity 20%~85% | |
| Recharge Setting | Temperature 5°C~40°C; Humidity 20%~85% | |
| Storage Setting | Temperature -20°C~70°C ; Humidity 5%~95% | |



## 三、Basic function

### 3.1 Power on

When the power on,press the power button【POWER】 for 1s the printer will begin to work and the power lamp is lighting(green color)

**Power off**

When the power off ,press the power button【POWER】 for 2s the printer will be off and all the indicator lamp is off .

### 3.2 Self test

Users could do the self test everytime to get the state for printer. The way to self test:

When power off ,press the【POWER】and【FEED】together then will come up 'beep' voice . Users could get the state ,set up ,quantity of electric charge and ID of bluetooth from self test page.

### 3.3 Feed power

When the printer is working normally, press the【FEED】then the printer starts to take paper.

### 3.4 Charge

When the battery of printer will use up ,the power indicator lamp(green) and function lamp(red) will 'ling together.

The way of charge as follows:

When the power indicator lamping means normal charge.(200V and 50HZ)

## 四、Printing method:

### 4.1、 bluetooth connection

First open the printer,use the android or iphone search off the bluetooth,then choose the correct one and input the key '0000'to connect.After connection printer could work.

### 4.2、 connnection to PC by USB

Sellers will provide the CD driver.Users install the driver then could work in PC.



## LED and Warning instructions

| Printer state | Power indicator lamp | Function indicator lamp | Buzzer |
|---|---|---|---|
| Power on | Green lamp on | | Beep once |
| Power off | | | Beep twice |
| Bluetooth conneting | | Green/blue lamp on | |
| charging | Red lamp on | | |
| Charging error | Red lamp blink | | |
| Lack of paper | | Red lamp blink | Beep three times |
| Temperature too high | | Red lamp blink | |
| Lack of electricity | Green lamp blink | Red lamp blink | Beep every 0.5 seconds |

**Warranty Card**

| | | | | | |
|---|---|---|---|---|---|
| User data | | Warranty record | | | |
| Product model | | Warranty date | Deal method | Complete date | signature |
| Product number | | | | | |
| Purchase date | | | | | |
| User name | | | | | |

Please read the warranty clause as follows:

1.When you repair the printer should show out this warranty card

2.All the data must be ture

3.We guarantee qualitt for one year(Except fall down the printer,into the water and artificial damage )